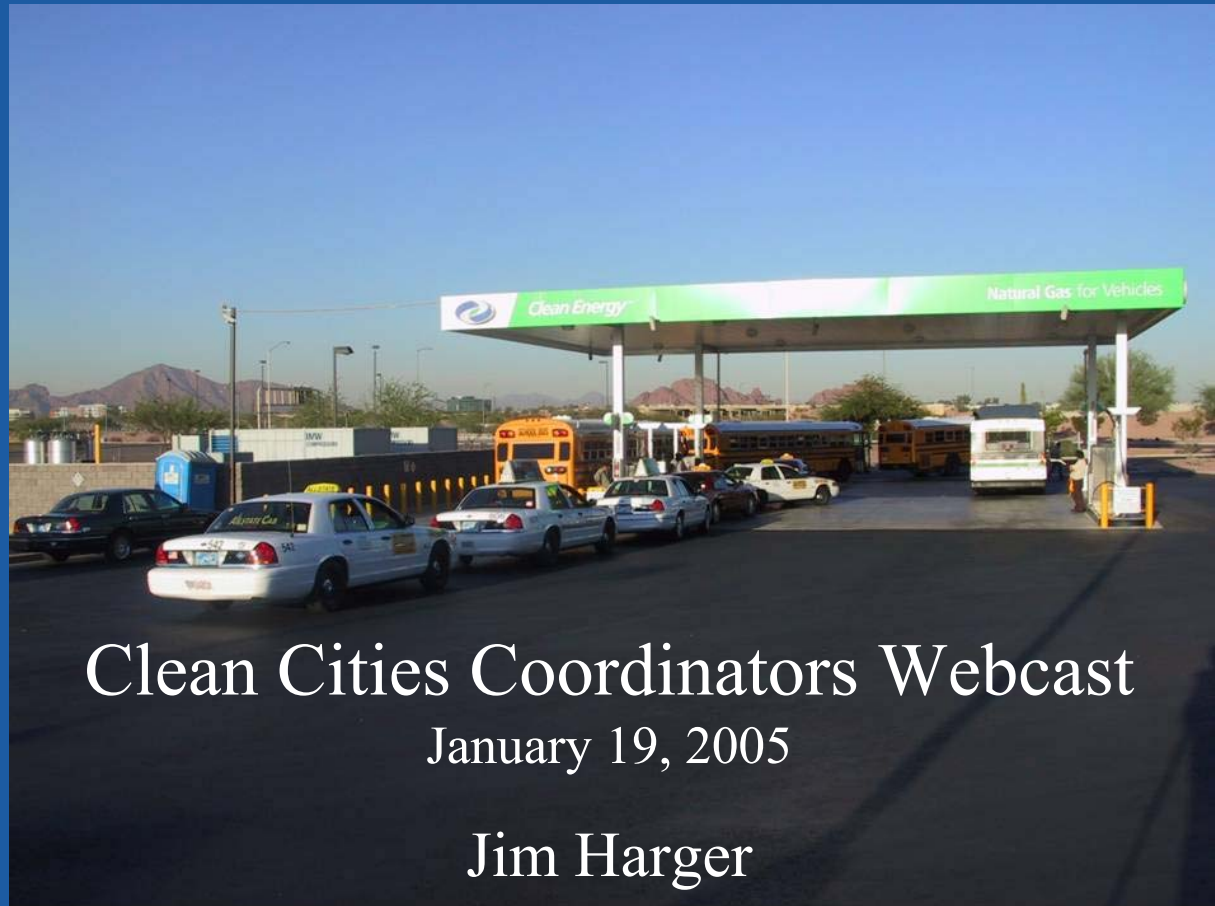




*Clean Energy*SM

North America's leader in clean transportation



Clean Cities Coordinators Webcast

January 19, 2005

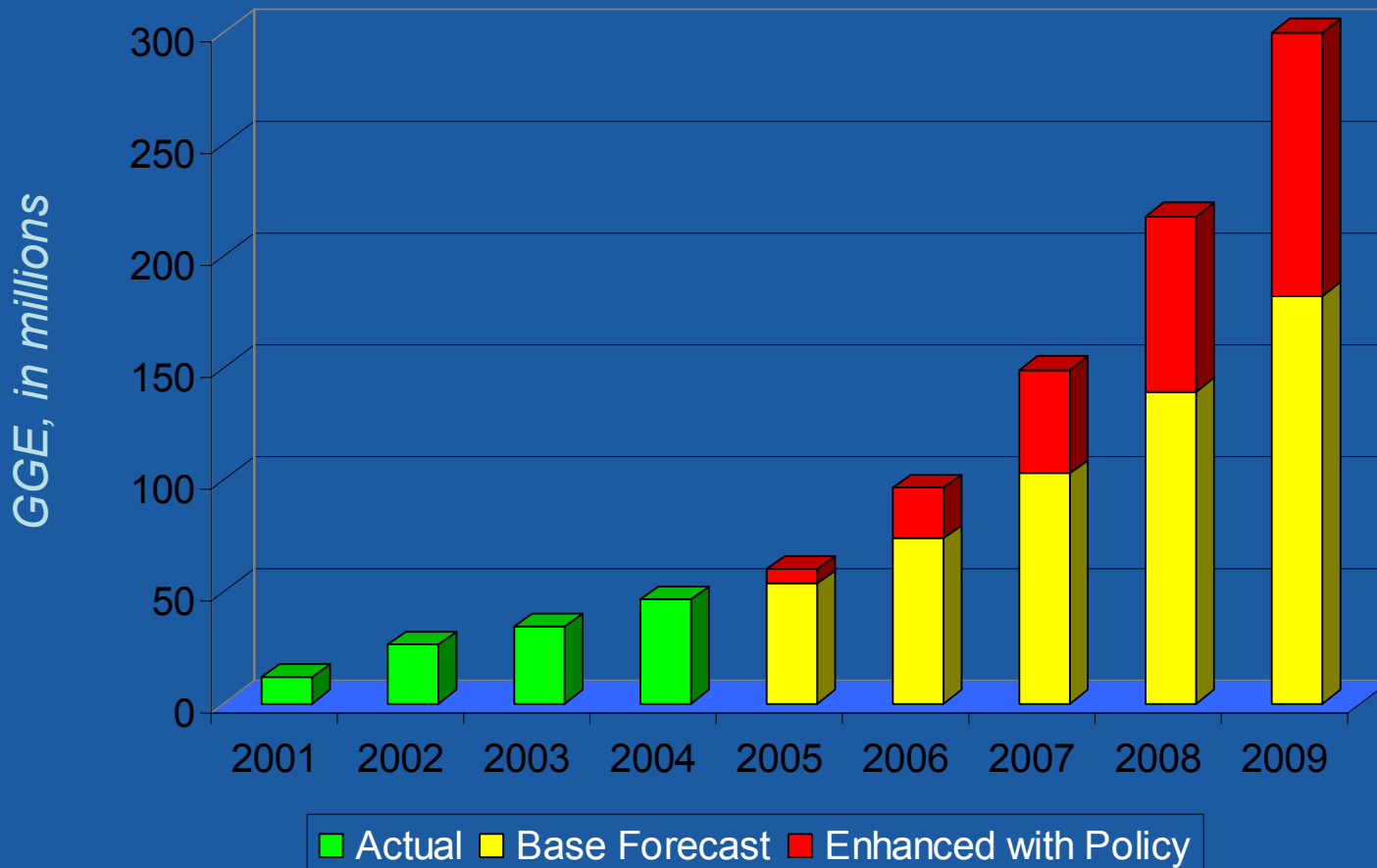
Jim Harger

Background

- ▶ Largest provider of vehicular natural gas (CNG and LNG) in North America
- ▶ Design, build, operate NG fueling stations
 - Over 160 in operation
 - Deliver LNG
- ▶ Good News, for 2004:
 - 47+ million gallons
 - \$50+ million revenue
- ▶ Aggressive Marketing Plan to sell 300 million gallons in 2009



Total Volume Growth (CNG & LNG)



Why are we successful?

- ▶ We keep it simple
 - Taxis and Shuttle Vans
 - Make the business case for a skeleton network throughout a metropolitan area
 - Transit
 - Refuse
 - Airports
 - Industrial (off-pipeline) LNG
 - Western U.S. & Mexico



What is the Business Case?

- ▶ High Volume Fleets that can achieve our ROR with a small number of vehicles
 - 200,000 gallons per year, minimum
- ▶ If applicable & private fleet allows, carve out 24 hour access dispenser area for other NG fleets
 - SunLine Transit (Indio & T-Palms)
 - WM (Moreno Valley & Palm Desert)
 - Foothill Transit (2005)
 - PHX RCC (2005)
- ▶ Retail Gasoline Stations hard to make business case
 - Unless a Taxi & Shuttle destination

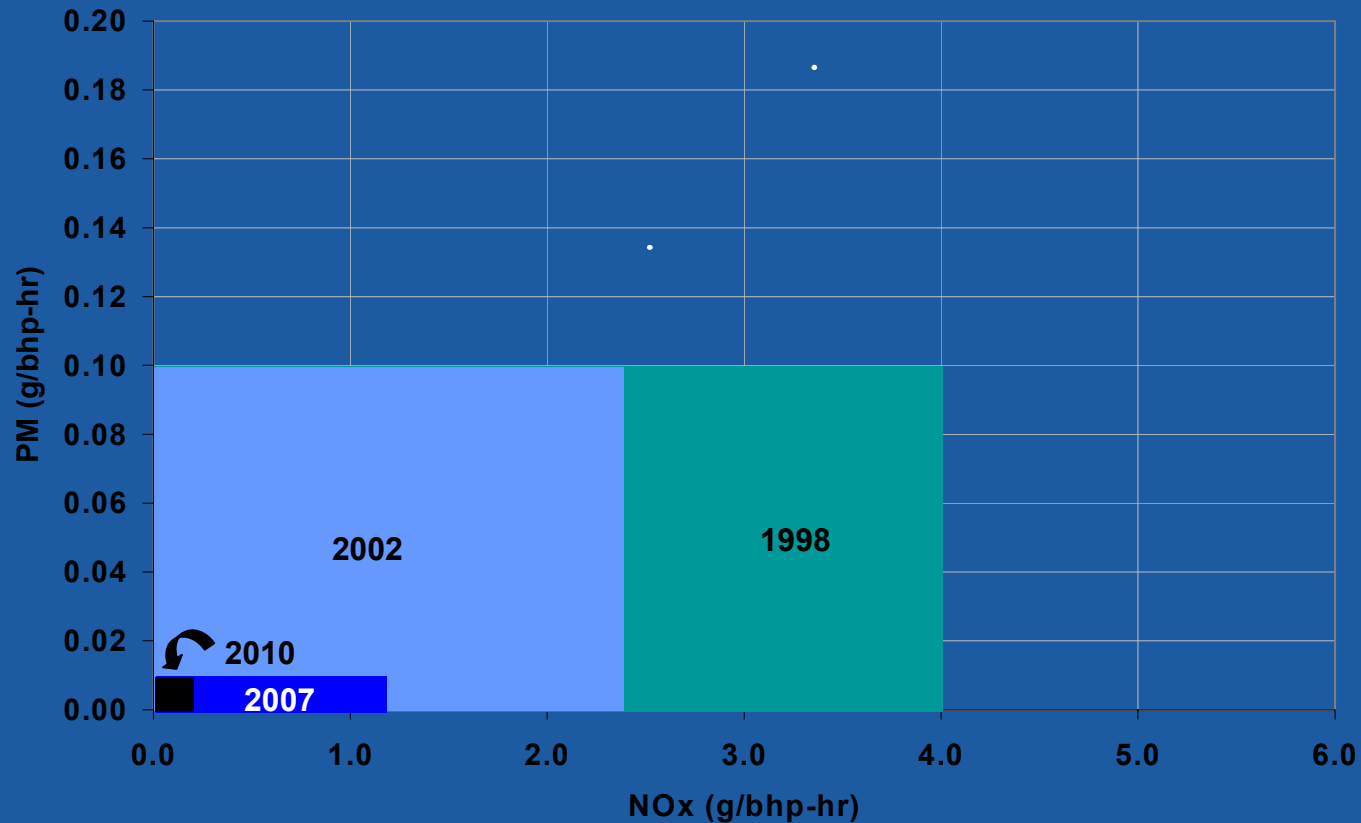


Why Continued Growth?

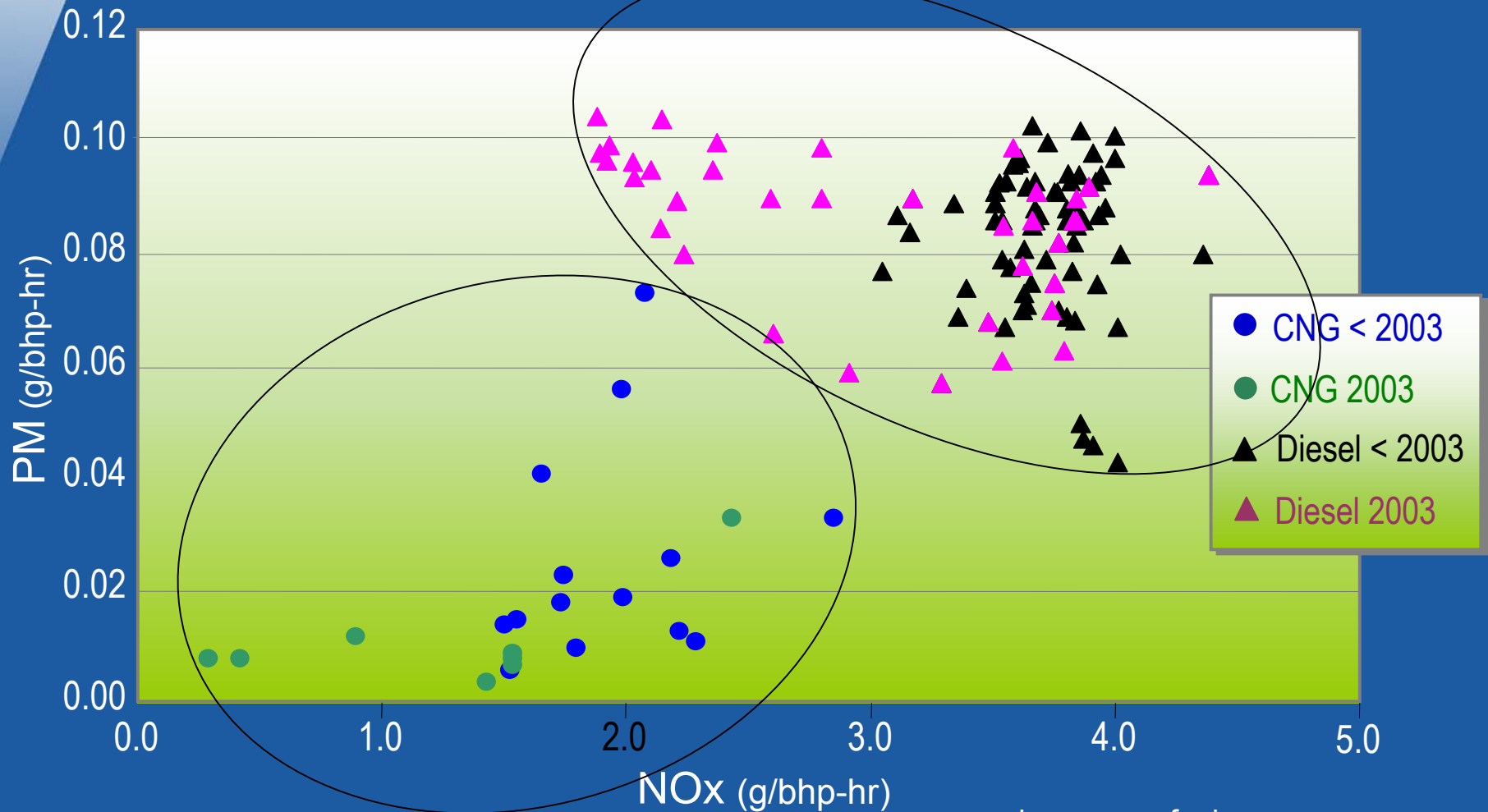
HD & LD Technology Drivers

- ▶ NG HD engines have distinct advantage of meeting 2010 HD engine standards in 2006
 - New vehicles and engine models continue to be made available for HD applications
 - Volvo 9 liter refuse truck (demo in South San Francisco)
 - Cummins L Gas Plus
 - Class 8 engines (Cummins & CAP) will be available in 2006
- ▶ GM and Honda
- ▶ Small Volume Manufacturers will take the place of some OEM models
 - Baytech (GM) & BAF (Ford)
 - All engines will meet SULEV

Diesel is getting cleaner, but not fast enough!



Recent Diesel and NG Engine Emissions



Economic Drivers

- ▶ Global Energy Dynamics
 - High oil prices constrained by world production & increasing demand from China, India and others
 - Restricted US refinery production
 - Low Sulfur Diesel will be expensive!
 - Diesel engines costs will also increase
 - US NG will be supplemented by LNG import terminals
 - Large users (UEG) will move to other fuels
 - Coal and Nuclear
- ▶ NG Fuel Savings versus Gasoline and Diesel
 - NG hedging
- ▶ Grants for Incremental Vehicle Costs
 - \$ have continued to increase over the last 10 years

Environment Drivers

- ▶ Air Quality Issues
 - EPA/Non-Attainment Areas
 - Arizona, California, New York, Texas, etc.
 - Penalties
 - States Will Lose Federal Funding
 - Greenhouse Gases and Climate Changes
 - Tourism
- ▶ Health Issues resulting from diesel exhaust
 - Lung Cancer
 - Asthma Sufferers
 - School Buses/Children

Government Drivers (Enhanced Policy)

- ▶ Diesel Emission Standards (2007 & 2010)
- ▶ State Mandates (e.g. California Transit Rule)
- ▶ Airport Fleet Mandates (OAK, PHX, SEA & SFO)
- ▶ Grant Money
 - TERP (\$140 million per year through 2008)
 - Carl Moyer (\$60+ million per year)
 - SCAQMD
 - Fine Money (SCAQMD, EPA)
- ▶ Clear Act (\$.50 per gallon tax credits)
- ▶ Hydrogen
 - Reality Setting In (15 years out, minimum)
 - Natural Gas is Best Pathway

What's our Commitment

- ▶ Our Board approved our five-year plan that will require \$75 million capital
 - California LNG Plant
 - 60+ new stations
 - Workforce increase for Marketing & Operations
- ▶ Committed \$180K for Phase I development of a 13-liter engine with Clean Air Power & joint marketing program
 - Dual Fuel engine will meet 2010 standard in 2006
 - CE & CAP will seek \$1.5 million to complete program

How can you help?

- ▶ Continue to promote Clean Cities Goals & Policies
 - Especially fuel diversification
- ▶ When possible, convince elected officials to include Alt Fuel Incentives for Muni Franchises
 - Refuse, transit, street sweeping, etc.
 - See attached brochure
- ▶ Any questions regarding NG
 - Call Jim Harger
 - (562) 493-2804 x223
 - jharger@cleanenergyfuels.com